

CIGWELD

AN **ESAB** BRAND

**PRO
SERIES**

COMET *Platecutter*

AUTOMATICALLY CUTS STRAIGHT
LINES, BEVELS AND CIRCLES***

SUITED TO GAS OR
AUTOMATED PLASMA CUTTING**

COMPLETE WITH GAS CUTTING
TORCH AND 3.6m OF TRACK

GAS CUTTING TORCH SUITED TO
COMET TYPE 41 OR 44 HIGH SPEED
CUTTING NOZZLES

CAPABLE OF GAS CUTTING UP TO
700mm/MINUTE AND PLASMA
CUTTING UP TO 1500mm/MINUTE**

COMPLETE WITH 5/8-18" UNF
GAS CONNECTIONS



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FEATURES



5/8-18"
Unit comes complete with 5/8-18" UNF fittings, preventing the need for adaptors.



Gas torch suits
Gas torch is designed to be used with Comet Type 41 & 44 High Speed Gas Cutting Nozzles



Warranty
1 Year Limited Warranty*
*Refer to operating manual for further details



Plasma Cutting Capability
When incorporating the CIGWELD Comet Plasma Torch Rigging (part number 338550, sold separately). The Comet Platecutter can be used with the Thermal Dynamics Cutmaster range of automated plasma cutters

SPECIFICATIONS

Machine size	370 x 140 x 165
Wheel distance	160mm
Cutting thickness	Up to 300mm
Cutting shape	Square and bevel (up to 45°)
Power supply	240VAC ± 10% (10Amp)
Reduction gear	Single cone system
Motor speed (Max)	1500mm/minute
Nozzle	Type 41 or 44

ORDERING INFORMATION

COMET PlateCutter

Part No: 338610

Optional Accessories	Part Number
Torch Holder for Cutmaster SL100 Automated Plasma Torch	338550
Gas Torch (to suit 3 Seat Cutting Nozzles)	338558

CUTTING DATA

Type 41 Oxy / Acetylene (HIGH Speed)

Part Number	Size	Plate Thickness	Fuel Gas Flow l/min @ 100kPa	Total Oxygen Flow & Pressure l/min @ kPa	Cutting Speed mm/min†
306069	6HS	6-8	6.0	31 (650)	700
306070	8HS	8-20	6.0	50 (650)	700-550
306071	12HS	25-75	10.0	107 (650)	500-300
306072	15HS	75-150	12.0	158 (650)	300-200
306073	20HS	150-250	13.0	250 (650)	200-100
306074	24HS	250-300	18.0	320 (650)	90

Type 44 Oxy / LPG or Natural Gas (HIGH Speed)

Part Number	Size	Plate Thickness	Fuel Gas Flow l/min @ 100kPa	Total Oxygen Flow & Pressure l/min @ kPa	Cutting Speed mm/min†
306018	6HS	6-8	5.0	45 (650)	550
306019	8HS	8-20	5.0	64 (650)	550-500
306021	12HS	25-75	6.5	122 (650)	500-300
306022	15HS	75-150	7.0	173 (650)	300-200
306023	20HS	150-250	8.0	267 (650)	200-100
306074	24HS	250-300	18.0	320 (650)	90

NOTE: Preheat oxygen pressure for all hi-speed nozzles = 200 kPa

† Cutting speeds are average values for drop cuts on clean plate with nozzles in good condition – variations could be expected due to actual working conditions. NB Cutting nozzles can operate over a range of gas flows (hence plate thicknesses). The values are typical operating conditions and can be increased or decreased to suit particular applications.

PACKAGE CONTENTS

- 1 x COMET Platecutter
- 1 x Operating manual
- 1 x Torch holder with rack
- 1 x Torch
- 1 x Gas distributor
- 1 x Power cord
- 1 x Twin hose 600mm
- 1 x Nozzle type 41 size 8
- 2 x Rail 1.8m
- 2 x Hose end fittings
- 2 x Spanner
- 1 x Tip cleaner
- 1 x Hexy key

ACCESSORIES & SPARE PARTS

Description	Part Number
Rail 1.8m long	338543
Circle cutting attachment	338545
Two torch set (to suit 2 seat nozzle)	338546
Torch (single to suit 2 seat nozzle)	338547
Twin Hose Assembly (oxygen/acetylene)	338548
Gas torch holder	338549
Plasma torch holder	338551
Power cable	338554
Torch nozzle nut	338556
Gas torch to suit 3 seat nozzles	338558

***Circular cutting guide sold separately Part No: 338545

**Plasma Torch rigging sold separately Part No: 338550



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